Degree of Bake

InfraLab Series 9

Supplemental Guidelines

Publication Reference : 126/17142-01

Issue A

Intelligence that transforms the world.

Proprietary Notice

Contact NDC

Online Support

You can access the NDC Customer Support portal, my**NDC** at https://ndc.custhelp.com.

myNDC is a cloud-based portal that allows you to get product support by phone, ask a question, provide feed-back, submit an RMA request or access information in our on-line knowledge database. You can browse the myNDC site or create a myNDC account.

- To create a myNDC account, click **Log In** or **Sign Up**. After creating the account, you will be immedi-ately logged in. To log in on subsequent visits to myNDC, click **Log In**, enter your user name and password, and then click **LOG IN**.

- To submit an RMA, click on **RMA Request** and follow the on-screen instructions.

NDC Contact Numbers

Please have your sales order number at hand before contacting NDC.

Americas	+1 626 939 3855
Asia Pacific	NDC Asia Pacific Customer Service Toll-free contact numbers: • Thailand: 1800 012 048 • Indonesia: 00 1803 016 4969 • Korea: 00 7981 420 30749 • Malaysia: 1800 81 9290 • Taiwan: 00 801 128 027 • India: 000 800 0402 514 Singapore non toll-free number: +65 6579 2411 Email ID: osc-apac@ndc.com
Japan	+81 (0)3 3255 8157
China	+86 21 61133609
EMEA (Europe, Middle East, Africa)	Germany: 0800 1123194
	Italy: +39 0331 454 207
	All other countries (English speaking): +44 1621 852244 Please select option 2 to be connected to the service team

Table of Contents

This page intentionally left blank

| InfraLab Degree of Bake Supplemental Guidelines: Table of Contents

InfraLab Degree of Bake Supplemental Guidelines

Introduction

This supplement details the minor changes in operation required for using the Degree of Bake (DOB) InfraLab which has additional measurement hardware installed that enables the simultaneous measurement of Moisture and Degree of Bake (Brownness) in Biscuits/Crackers/Cookies and Snack products.

Please follow the instructions of the main InfraLab User Guide and use the following supplement to cover the changes necessary for the DOB InfraLab.

Conducting an Auto-Reference or Reference Check

The Internal reference standard is not suitable for Degree of Bake InfraLab and has been disabled. To conduct **any** reference/stability checks or auto reference operations, the user must first install the external ARS (supplied with the InfraLab) and perform a reference check as described below.

The InfraLab analyser is self-compensating for factors such as aging of its internal source lamp and is substantially unaffected by ambient light or environmental temperature changes within its operating temperature range. Consequently, the InfraLab should be stable and provide consistent measurements over long periods of operation. If you wish to check this for any reason, it can be done using either of the methods described below.

Note: The window should be cleaned before any reference check is performed.

Checking the Gauge Output with the ARS

1. To do this, you will need to create a product on the InfraLab called "ILAB Check", with a Span value of 1.00 and a Trim value of 0.00.

2. Select this product.

3. Fit the External ARS to the InfraLab.

4. Collect a sample reading and record the measurements (and note the sample ID) for future reference.

5. Remove the External ARS.

6. Repeat this procedure at periodic intervals and check that the InfraLab readings remain consistent over time.

Performing a Measurement

The user initiates a sample measurement by touching the [Start Sample] button on the screen.

Sample measurements on the DOB InfraLab will not automatically start when a sample bowl is placed in position.